

June 1981.

Next Meeting.

June is by tradition the Annual Constructors Competition, and this year is no exception. Members are invited to enter any item of equipment that they have built that has not already won a prize in the competition before. Entries to be labelled with the members name, and a brief description of the equipment. During the evening entrants will be requested to give a short talk about the gear, how it was built, how much it cost, any problems etc. Prizes will be awarded for the best three entries of £5, £3 and £2. Three judges will be selected from the members not entering on the evening. Don't forget John's competition for the most original use for a temperature sensor as mentioned on page 25 of the article on power supplies. The prize is some Plessey SL600 series I.C's.

So put the finishing touches to that piece of gear, and enter the competition on June 2nd, at 7.30 p.m. at the Marconi College, Arbour Lane.

Committee Meeting.

Sportsmans Arms, Hatfield Peveral, 7.30 p.m. Wednesday 10th June.

Report on last months meeting.

Roy G3PMX gave a very interesting lecture about Interference and Filters. His talk was illustrated with some superb slides taken on his new home-brew copy stand. (Will we see that in the Constructors Competition?). You may have seen childrens books featuring the "Mr.Men", Roy incorporated some of these characters into his lecture using each "Mr" to illustrate the various stages in T.V.I and so created a very humorous and informative talk. Roy managed to borrow a spectrum analyser and checked out some members filters which produced some interesting results. The evening was very enjoyable, and our thanks to Roy for all his hard work.

N.F.D. HELP REQUIRED 13th/14th June - Carl G3PEM.

Last months cry for operators gained one extra operator, please help, it is very apparent to the NFD committee members that we will run short of operators during Sunday's daylight hours.

This months appeal is for helpers to erect the station during saturday morning and afternoon. Each year the stalwarts of G3KRZ, G4DAN and G4CUT always provide unstinted help, with transport, service support to operators i.e. cups of tea, and muscle power. All of the operators mentioned last month also provide muscle power however the committee still needs more help on the day, the more the merrier. Don't worry the worst that happens is that you get "SHANGHAI" into operating.

It is planned to meet at 10.00a.m. on Saturday at the site. The site is at Map Reference TL618018 near Blackmore and is loaned to the club by the owner of Howlett's Farm. Access is obtained from the Blackmore to Highwood Road, $\frac{3}{4}$ mile from Blackmore, the entrance is on the right, a Howlett Farm name board at the entrance. Proceed through the farm buildings and turn right at the duck pond, then approx; $\frac{1}{2}$ mile down the track. Please contact G3PEM if you require transport.

Lastly the NFD committee would like to place on record the clubs thanks to Brian Soreggs for arranging the site and also for providing the main generation. See you ALL on saturday 13th June.

DF - G3WHR

Part One. Local Event Friday 24th April.

Despite the terrible conditions (it poured down with rain) seven teams assembled on Tiptree Heath for the first event of the season. The hidden station was G3WHR/P concealed by the old railway track to the South of Maldon. All teams approached from the North, only to find that a track marked on the map had been replaced by a private house and that they had to cross a very muddy cornfield. Four teams succeeded in finding the transmitter, though one competitor had to empty his shoes twice !

1st	Ian Butson	Colchester
2nd	Paul Clark	Chelmsford
3rd	Richard DeLaRue	Colchester
4th	Frank Pearson	Colchester

All teams were successful in finding the Pub afterwards, where a large fire helped everyone thaw out and dry off.

BF - Part Two.

Chelmsford and Colchester National Qualifying Event. Sunday 10th May.

After 1 inch of rainfall the night before, the sun finally broke through the clouds onto the 21 teams assembled on Fordham Heath. The start was enlivened by two separate arrivals. First came a competitor from Mid-Thames who cruised regally around the site in his immaculately clean car (personalised numberplate) and parked in an advantageous position near the entrance. Later to arrive came Doreen G8NMO, who turned off the road and almost immediately encountered a rather muddy patch of ground. She skillfully extricated her car, albeit with some wheelspin and spectacular shower of mud - and guess where that mud went? Renowned for his command of the English language, the owner of a new somewhat obscured numberplate was too astounded to speak.

From the start approx; half of the competitors headed for the 'A' station G3KJP/P, who was hidden in thick gorse on Tiptree Heath. The lack of green cover was compensated by the erection of several dummy aersials in neighbouring trees which coupled signals from the main aerial and proved very misleading to some. One competitor spent rather a long time finding the transmitter and returned to find his car had one wheel sunk to the axle in mud! (He was towed out after tea).

The 'B' station, G4HKC/P, was concealed in a small wood on the NW bank of the Roman river at Rowhedge. This site also being close to the River Colne, several competitors found themselves on the 'wrong side' of the river, much to their inconvenience. The transmitter was hidden in a densely overgrown ditch and fed an aerial some 250 yds long.

Results (Q) - Qualified for National Final.

Posn.	Competitor.	Club	'A' Stn.	'B' Stn.
1	R.Parsons	Burton-on-Trent	1519 $\frac{1}{2}$	1444
2	M.Hawkins	Chelmsford	1520 $\frac{1}{2}$	1444 $\frac{3}{4}$
3 (Q)	A.Simmons	Mid-Thames	1521	1442
4 (Q)	G.Whenman	Coventry	1430	1528
5	E.Mollart	Mid-Thames	1533	1443
6	D.Newman	Slade	1533 $\frac{1}{2}$	1444 $\frac{1}{2}$
7	B.Bristow	Mid-Thames	1453	1537
8	C.Oliver	Dartford Heath	1442	1538 $\frac{1}{2}$
9	P.Liale	Mid-Thames	1422	1543
10	R.Newman	Colchester	1601	1521
11	T.Gage	Mid-Thames	1609	1538
12	D.Pawley	Mid-Thames	1610	1510
13	J.Herbert	Colchester	1616	1522
14	A.Mead	Chelmsford	1454	--
15	M.Easterbrook	Dartford Heath	1528	--
16.	G.Hubble	Colchester	1554	--
17	R.Goodearl	Mid-Thames	1556	--
18	P.Clark	Chelmsford	--	1557
19	S.Carey	Dartford Heath	1609 $\frac{1}{2}$	--
20	F.Pearson	Colchester	--	--
21	R.Dewberry	Mid-Thames	--	--

The excellent tea was once again provided by the Prince of Wales P.H. Gt.Totham, where Mike Hawkins was presented with the Mid-Essex Trophy.

BF - Part Three.

There is no Chelmsford event this month, however the Colchester club will be running an event on Friday 5th June starting from Fordham Heath NGR 945264 at 7.30 p.m.

Congratulations to Ian Butson and Mike Hawkins who came 1st and 2nd at the Burton-on-Trent event and both qualified for the National Final.

Future Meetings.

July - I.C.'s and Radio Communication. August - 10GHz. October - A.G.M and Junk Sale.

Raffle.

The raffle continues to be well supported. Last months main winners were David Martyr - Dutch bulbs, Brian Bourne - "Replay" pen, and yours truly - Weather Guide. Prizes this month include "Out of Thin Air", a book about aerials, a pair of scissors, a screwdriver and a set of novelty ball pens.

New Members.

We welcome the following three new members, Chris Baker G4LDS - well done Chris with the C.W. Gerald Parish and Neil Emerick - both S.W.L's. Apologies to R.Garbutt G8XPK for spelling his name wrongly last month.

Other News.

Did you see the photograph and short story in a local paper a couple of weeks ago of two well-known local amateurs.

73 and Good Dx

Andrew.

Braintree 23821 (Day)
Silver End 83094 (Any other time)
or GB3DA

9, Abraham Drive,
Silver End,
Witham.

FOR SALE.

Ferrograph series 4 tape recorder, plus AR88. £50 the pair (will haggle). Brian G8JAU. Danbury 3183.

FOR SALE.

2m Txverter, Magnum 2, Suit FT101 Series. All leads for FT101 supplied 6'40 in final. £65 o.n.e. C.Baker G4LDS (0245) 69034.

WANTED.

MFC4000B, a small Audio I.C. that is now out of production. Andrew, G4KQE.

MAP FOR N.F.D. SITE C U THERE. 13TH/14TH JUNE.

